

ABSTRACT OF THE DISCLOSURE

5 A wireless network system capable of controlling highly
efficient transfer of AV data by an upper application, using
information indicating a wireless link condition that varies
dynamically is disclosed. In this wireless network system,
a wireless terminal and a wire gateway apparatus each store
collected wireless link condition information in a descriptor.
An upper application on the wireless terminal reads the
10 descriptor at said terminal device and obtains wireless LAN
link condition information. The wireless gateway apparatus
makes notification to a wireless terminal of a VTR, for example,
that actually exists in a 1394 terminal as if it existed as
a sub-unit in the local terminal device. The wireless terminal
15 accesses the collected wireless link condition information
and selects a AV/C command to be sent to the VTR sub-unit of
the wireless gateway apparatus. The wireless terminal
transfers the play command for playback to the wireless gateway
apparatus. The wireless gateway apparatus transfers the play
20 command to a VTR sub-unit within a terminal on the wired network.
In accordance with this action, the VTR sub-unit within the
terminal on the wired network starts transfer of AV data.